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WATER SUPPLY OUTLOOK FOR UTAH

and
FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

UNITED STATES DEPARTMENT of AGRICULTURE...SOIL CONSERVATION SERVICE,

and

STATE ENGINEER of UTAH

In cooperation with U.S. Forest Service, Bureau of Reclamation,
Utah Fish and Game Dept., Utah Agricultural Experiment Station,
U.S. National Park Service, U.S. Geological Survey; and other
Federal, State, and private organizations.

AS OF
JUNE 1, 1967

TO RECIPIENTS OF WATER SUPPLY OUTLOOK REPORTS:

Most of the usable water in western states originates as mountain snowfall. This snowfall accumulates during the winter and spring, several months before the snow melts and appears as streamflow. Since the runoff from precipitation as snow is delayed, estimates of snowmelt runoff can be made well in advance of its occurrence. Streamflow forecasts published in this report are based principally on measurement of the water equivalent of the mountain snowpack.

Forecasts become more accurate as more of the data affecting runoff are measured. All forecasts assume that climatic factors during the remainder of the snow accumulation and melt season as they affect runoff will add to be an effective average. Early season forecasts are therefore subject to a greater change than those made on later dates.

The snow course measurement is obtained by sampling snow depth and water equivalent at surveyed and marked locations in mountain areas. A total of about ten samples are taken at each location. The average of these are reported as snow depth and water equivalent. These measurements are repeated in the same location near the same dates each year.

Snow surveys are made monthly or semi-monthly from January 1 through June 1 in most states. There are about 1400 snow courses in Western United States and in the Columbia Basin in British Columbia. In the near future, it is anticipated that automatic snow water equivalent sensing devices along with radio telemetry will provide a continuous record of snow water equivalent at key locations.

Detailed data on snow course and soil moisture measurements are presented in state and local reports. Other data or reservoir storage, summaries of precipitation, current streamflow, and soil moisture conditions at valley elevations are also included. The report for Western United States presents a broad picture of water supply outlook conditions, including selected streamflow forecasts, summary of snow accumulation to date, and storage in larger reservoirs.

Snow survey and soil moisture data for the period of record are published by the Soil Conservation Service by states about every five years. Data for the current year is summarized in a West-wide basic data summary and published about October 1 of each year.

Listed below are water supply outlook reports based on Federal-State-Private Cooperative snow surveys. Those published by the Soil Conservation Service may be obtained from Soil Conservation Service, Room 507, Federal Building, 701 N. W. Glisan, Portland, Oregon 97209.

PUBLISHED BY SOIL CONSERVATION SERVICE

D. A. WILLIAMS, Administrator

The Soil Conservation Service publishes reports following the principal snow survey dates from January 1 through June 1 in cooperation with state water administrators, agricultural experiment stations and others. Copies of the reports for Western United States and all state reports may be obtained from Soil Conservation Service, Western Regional Technical Service Center, Room 507, 701 N. W. Glisan, Portland, Oregon 97209.

Copies of state and local reports may also be obtained from state offices of the Soil Conservation Service in the following states:

STATE	ADDRESS
Alaska	P. O. Box "F", Palmer, Alaska 99645
Arizona	6029 Federal Building, Phoenix, Arizona 85205
Colorado (N. Mex.)	12417 Federal Building, Denver, Colorado 80202
Idaho	P. O. Box 38, Boise, Idaho 83701
Montana	P. O. Box 855, Bozeman, Montana 59715
Nevada	P. O. Box 4850, Reno Nevada 89505
Oregon	1218 S. W. Washington St., Portland, Oregon 97205
Utah	4001 Federal Building, Salt Lake City, Utah 84111
Washington	840 Bon Marche Bldg., Spokane, Washington 99206
Wyoming	P. O. Box 340, Casper, Wyoming 82602

PUBLISHED BY OTHER AGENCIES

Water Supply Outlook reports prepared by other agencies include a report for California by the Water Supply Forecast and Snow Surveys Unit, California Department of Water Resources, P. O. Box 388, Sacramento, California 95802 --- and for British Columbia by the Department of Lands, Forests and Water Resources, Water Resources Service, Parliament Building, Victoria, British Columbia



WATER SUPPLY OUTLOOK
and
FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS
for
UTAH

JUNE 1, 1967

Report prepared by
GREGORY L. PEARSON - PAUL KEIL
and
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SOIL CONSERVATION SERVICE
SNOW SURVEY SECTION
FEDERAL BLDG., ROOM 4012
SALT LAKE CITY UTAH 84111

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SOIL CONSERVATION SERVICE
SALT LAKE CITY, UTAH

WATER SUPPLY OUTLOOK

as of

JUNE 6, 1967

and

Special Measurements
During 1966-67 Season

Precipitation in Utah's mountains during the month of May ranged between about 125% to over 250% of average on most watersheds. Except for a short period of above normal temperatures near the end of the second week of the month, snowmelt conditions have been below average for the month.

Although past records of June 1st snow measurements are relatively short, enough records are available to show that the present snowpack is considerably above average for this time of year. Because of the delayed snowmelt conditions during the past two months, streamflow should hold up exceptionally well into late summer months, providing excellent water supplies for crops requiring late season water.

Streams which ordinarily reach their peak flows during the time the high elevation snows melt, can be expected to reach their peaks during the first half of June. Cool temperatures during the early part of the month could delay the peaks until near the 20th of the month.

Included among such streams are the Logan, upper Bear and Weber rivers, and other streams coming from the Uinta mountains eastward to the Green river.

As a result of the above normal precipitation during the past month, actual runoff this season is now expected to be about 10% to 25% higher than forecast on May 1st.

SNOW

DRAINAGE BASIN and SNOW COURSE				CURRENT INFORMATION			PAST RECORD	
				DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches)	
NAME	NO.	ELEVATION					LAST YEAR	AVERAGE ^a

2 yrs.
ago

SUPPLEMENTAL MEASUREMENTS FOR UTAH

JUNE 1, 1967

Big Flat	12L7	10290	5/26	39	14.7	0.0	23.7
Box Creek	12L4	9800	5/25	1	0.6	0.0	5.2
Buck Flat	11K31	9400	No Report			0.0	15.9
Brian Head	12M14	10400	5/24	30	11.4	0.0	22.7
Black's Fork G.S.	10J21	9300	5/24	3.	0.9	0.0	4.6
Cedar Breaks	12M1	10390	5/24	49	20.0	0.0	24.2
Chalk Creek #1	11J1	9100	5/26	55	23.8	0.0	26.3
Chalk Creek #2	11J2	8000	5/26	14	4.3	0.0	3.2
Dry Bread Pond	11H13	8230	5/31	5	2.2	0.0	4.2
Farmington Cyn.(upper)	11J11	8000	5/26	38	17.8	0.0	17.9
G.B.R.C. Meadows	11K10	10000	5/31	45	17.2	0.0	33.5
Garden City Summit	11H7	7600	5/26	16	6.8	0.0	8.1
Gooseberry Reservoir	11K4	8700	5/25	17	7.6	0.0	8.8
Hayden Fork	10J7	9300	5/25	25	10.1	0.0	10.6
Horse Ridge	11H21	8260	6/2	2	0.7	0.0	- -
Julius Park	9J6	9800	5/26	10	3.7	0.0	9.6
Kimberly Mine	12L6	8900	5/24	4	1.8	0.0	- -
Klondike Narrows	11H1	7400	5/25	6	2.8	0.0	0.2
Lakefork Mountain	10J10	10500	5/31	3	0.5	0.0	12.2
Mammoth R.S.-Ctnwd.Crk.	11K3	8800	5/25	19	9.1	0.0	9.1
Midway Valley	12M2	9800	5/24	47	18.5	0.0	23.1
Mill "D" South Fork	11J10	7400	5/25	5	1.9	0.0	- -
Monte Cristo R.S.	11H12	8960	5/31	38	18.3	0.0	18.9
Mosby Mountain	9J5	9500	5/26	6	2.3	0.0	8.4
Mt. Baldy	11K12	9500	6/6	20	8.8	0.0	30.3
Otter Lake	12L8	9300	5/26	12	3.6	0.0	15.6
Paradise Park	9J3	10100	5/26	22	7.9	0.6	11.0
Pickle Keg Springs	11K39	9600	6/5	0	0.0	- -	2.5
Redden Mine(lower)	11J6	8500	5/31	12	4.0	- -	- -
Redden Mine(upper)	11J5	9000	5/31	18	7.6	- -	- -
Silver Lake	11J16	8725	5/25	42	29.1	0.0	- -
Spirit Lake	9J7	10300	5/29	21	8.6	0.0	16.9
Steep Hollow #1	11H27	8500	5/26	73	36.4	1.6	41.0
Steep Hollow #2	11H28	7700	5/26	32	16.6	0.0	16.7
Steel Creek Park	10J20	9900	5/24	41	14.7	1.6	- -
Timpanogos Divide	11J21	8140	5/31	27	13.2	0.0	0.0
Trial Lake	10J8	9800	5/31	62	32.9	6.6	40.9
Webster Flat	12M3	9200	5/24	2	0.7	0.0	10.2

MID-MAY, 1967

Chalk Creek #1	11J1	9100	5/16	81	32.6	- -	- -
Chalk Creek #2	11J2	8000	5/16	46	19.3	- -	- -
Chalk Creek #3	11J3	7500	5/16	0	0.0	- -	- -

(a) 1948-62, 15 year period. (b) Average of all past record. (x) Adjacent drainage. (A) Aerial observation: Water content estimated. * Estimated 1948-62, 15 year average.

SNOW

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
			DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches)	
NAME	NO.	ELEVATION				LAST YEAR	AVERAGE ^a

2 yrs.
ago

SUPPLEMENTAL MEASUREMENTS FOR UTAH

DECEMBER 1, 1966

Big Flat	12L7	10290	11/29	11	2.3	5.8	3.8
Buck Flat	11K31	9400	12/5	9	2.3	4.0	6.8
Merchant's Valley (upper)	12L9	8200	11/29	0	0.0	2.4	1.9
Mud Creek #2	11K33	8300	12/1	Patchy		3.1	4.9
Otter Lake	12L8	9300	11/29	7	1.5	4.9	- -
Pine Creek	12L1	8700	11/29	Trace		2.5	4.6
Rush Pond	11K38	9800	12/5	10	2.2	3.4	5.4
Shingle Mill	12L11	6200	11/28	0	0.0	0.5	3.5
Stuart R.S.	11K27	7950	12/2	Trace		1.9	4.2
Timpanogos Divide	11J21	8140	11/30	24	7.4	7.6	8.1
Tony Grove R.S.	11H3	6250	11/28	Trace		2.4	1.1
Upper Joe's Valley	11K29	8800	12/6	17	2.9	2.6	4.1
White River #1	10K2	8600	12/1	6	1.6	2.7	4.4
Wrigley Creek	11K32	9000	12/5	8	1.4	3.4	4.1

(a) 1948-62, 15 year period. (b) Average of all past record. (x) Adjacent drainage. (A) Aerial observation: Water content estimated. * Estimated 1948-62, 15 year average.



PRECIPITATION DATA (Inches)

DRAINAGE BASIN AND RAIN GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
		DATE OF READING	MONTH'S PRECIPITATION	1948 - 62 AVERAGE	THIS YEAR	1948 - 62 AVERAGE	PERCENT OF AVERAGE

GREAT BASIN DRAINAGE

UPPER BEAR RIVER (Above Harer, Idaho)

				a		a	
Burts-Miller Ranch	7900	5/25	3.30	- -	- -	- -	- -
Chalk Creek #1*	9100	5/26	5.08	- -	- -	- -	- -
Chalk Creek #2*	8000	5/26	4.55	2.35	27.51	21.30	129
Chalk Creek #3*	7500	5/26	3.53	1.90	21.66	17.50	124
Hayden Fork	9300	5/25	4.66	- -	31.39	- -	- -
Monte Cristo #2	8960	5/29	5.10	3.10	37.79	36.25	104
Salt River Summit	7900			2.30		22.80	
Stillwater Camp	8550	5/25	3.58	1.80	19.87	16.45	121
Trial Lake*	9800	5/31	5.60	2.70	37.79	29.90	126

LOWER BEAR RIVER (Below Harer, Idaho)

Dry Bread Pond	8230	5/31	4.20	2.80	31.73	27.85	114
Garden City Summit	7600	5/26	3.10	2.65	26.02	24.25	107
Klondike Narrows	7400	5/26	3.80	3.30	33.16	30.00	111
Little Bear(upper)	6850	5/29	- -	2.60	29.81	24.70	121
Monte Cristo #2	8960	5/29	5.10	3.10	37.79	36.25	104
Tony Grove R.S.(SCS)	6250	5/26	2.78	- -	23.58	- -	- -
Willow Flat	6100	5/31	3.79	3.10	32.79	30.80	106

OGDEN RIVER

Ben Lomond(lower)	5850	5/29	4.25	3.25	37.20	32.50	114
Ben Lomond Trail	6000	5/29	4.38	3.40	38.95	34.10	114
Causey Dam	5500	5/31	3.25	1.75	19.92	17.65	113
Dry Bread Pond	8230	5/31	4.20	2.80	31.73	27.85	114
Horse Ridge	8260	6/2	4.76	- -	32.84	- -	- -
Monte Cristo #2*	8960	5/29	5.10	3.10	37.79	36.25	104
Sagebrush Flat	6300	No Report		1.85	- -	18.70	- -

WEBER RIVER

Chalk Creek #1	9100	5/26	5.08	- -	34.16	- -	- -
Chalk Creek #2	8000	5/26	4.55	2.35	27.51	21.30	129
Chalk Creek #3	7500	5/26	3.53	1.90	21.66	17.50	124
Farmington Guard Sta.(1)	7500	6/2	4.03	3.95	41.11	38.35	107
Farmington Rice(1)	7000	6/2	3.84	3.75a	36.47	35.68a	102
Horse Ridge	8260	6/2	4.76	- -	32.84	- -	- -
Lost Creek Reservoir	6125	6/2	3.47	- -	17.54	- -	- -
Mt. Dell Dam (2)*	5500	5/31	3.31	2.22a	18.59	17.86a	104
Parley's Canyon Smt.	7500	5/31	5.58	2.70	29.04	27.00	108
Redden Mine(upper)	9000	5/31	6.55	- -	35.10	- -	- -
Silver Lake(Brighton)(2)*	8725	5/31	5.12	3.01a	39.62	36.00a	110
Smith & Morehouse	7600	5/25	4.24	2.55	26.93	23.75	113
Trial Lake*	9800	5/31	5.60	2.70	37.79	29.90	126

(1) Data supplied by U.S. Forest Service. (2) Data supplied by U.S. Weather Bureau. a - all values estimated except those where symbol "a" occurs. *Adjacent drainage.



PRECIPITATION DATA (Inches)

DRAINAGE BASIN AND RAIN GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
		DATE OF READING	MONTH'S PRECIPITATION	1948 - 62 AVERAGE	THIS YEAR	1948 - 62 AVERAGE	PERCENT OF AVERAGE

PROVO RIVER & UTAH LAKE							
Clear Creek Ridge #2	8000	5/26	5.06	2.10	25.64	21.10	122
Daniels-Strawberry Smt.	8000	5/25	2.62	2.20	25.38	23.40	108
Dutchman R.S.	7500	5/29	4.75	2.36	31.68	31.81	100
East Portal Ridge	7800	5/31	3.74	2.20	25.94	23.40	111
Hobble Creek Smt.	7300	6/5	3.40	2.35	24.48	22.55	109
Payson R.S.	8050	5/26	3.52	2.35	25.97	23.25	112
Soapstone R.S.	7800	5/31	4.12	2.30	24.13	21.00	115
Timpanogos Divide	8200	5/31	5.45	2.36a	48.15	31.81a	151
Trial Lake	9800	5/31	5.60	2.70	37.79	29.90	126

JORDAN RIVER & TOOELE VALLEY							
Middle Canyon	7000	5/26	3.67	2.40	- -	22.70	- -
Mt. Dell Dam (2)	5500	5/31	3.31	2.22a	18.59	17.86a	104
Parley's Canyon Smt.	7500	5/31	5.58	2.70	29.04	27.00	108
Silver Lake(Brighton)(2)	8725	5/31	5.12	3.01a	39.62	36.00a	110
Vernon Creek	7500	5/26	3.83	- -	20.90	- -	- -

SEVIER RIVER ABOVE RICHFIELD							
Big Flat*	10290	5/26	3.12	2.45	23.65	24.30	97
Box Creek	9800	5/25	1.95	1.85	18.96	17.25	110
Castle Valley	9700	5/31	3.00	2.35	21.88	21.55	102
Cedar Breaks	10390	5/24	1.99	3.10	28.84	28.25	102
Duck Creek R.S.	8560	6/1	2.78	2.60	32.88	25.00	132
Fish Lake	8700	5/25	1.17	1.47	13.30	10.43	128
Kimberly Mine	8900	5/24	3.05	2.40	27.51	23.80	116
Panguitch Lake	8200	5/31	2.27	1.05	11.13	9.70	115
Webster Flat*	9200	5/24	1.90	3.00	29.61	27.00	110
Widtsoe-Escalante #3	9500	5/31	2.67	1.80	16.06	16.40	98
Widtsoe R.S.	7600	5/31	1.88	0.75a	6.87	6.73a	102

SEVIER RIVER BELOW RICHFIELD (Including San Pitch River)							
Beaver Dams	8000	6/6	4.05	2.10	17.54	19.80	89
Farnsworth Lake	9900	6/1	4.47	2.45	24.20	24.25	100
G.B.R.C. Headquarters(1)	8700	5/31	4.45	2.52a	26.36	24.97a	106
G.B.R.C. Meadows(1)	10000	5/31	6.05	2.77a	32.46	27.59a	118
G.B.R.C. Oaks(1)	7655	5/31	4.32	1.85a	19.44	17.37a	112
Gooseberry R.S.(1)	7800	6/1	2.90	1.90	18.01	17.00	106
Gooseberry Reservoir*	8700	5/25	3.86	2.35	25.27	24.00	105
Mammoth R.S. #2*	8600	5/25	4.10	2.35	27.33	23.80	115
Mt. Baldy R.S.	9500	6/6	5.42	- -	25.02	- -	- -
Oak Creek	7760	5/31	3.83	- -	24.71	- -	- -
Pickle Keg Springs	9600	6/5	4.50	- -	19.88	- -	- -
Pine Creek	8700	6/1	5.30	3.00	32.16	30.40	106
Salina Creek(lower)	7250	6/5	1.97	- -	9.75	- -	- -
Shingle Mill	6200	5/31	3.57	2.15	22.13	19.65	113
White Gate	9350	6/5	2.90	- -	13.36	- -	- -

(1) Data supplied by U.S. Forest Service. (2) Data supplied by U.S. Weather Bureau. a - all values estimated except those where symbol "a" occurs. *Adjacent drainage.

PRECIPITATION DATA (Inches)

DRAINAGE BASIN AND RAIN GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
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BEAVER RIVER

				a		a	
Beaver Canyon P.H.(2)	7275	5/31	2.15	1.39a	14.32	13.58a	105
Big Flat	10290	5/26	3.12	2.45	23.65	24.30	97
Merchant's Valley	8650	5/26	2.89	- -	21.40	- -	- -

PAROWAN CREEK

Tall Poles	8800	5/24	2.25	- -	20.17	- -	- -
Yankee Reservoir	8700	5/24	1.54	1.70	16.00	15.30	105

COAL CREEK

Cedar Breaks	10390	5/24	1.99	3.10	28.84	28.25	102
Webster Flat*	9200	5/24	1.90	3.00	29.61	27.00	110

ENTERPRISE TO NEW HARMONY DRAINAGE

Little Grassy Creek	6100	5/23	1.03	1.35	25.66	15.25	168
Long Flat	8000	5/25	1.02	1.65	16.16	17.95	90

COLORADO RIVER DRAINAGE

UPPER GREEN RIVER IN UTAH (Tributaries above Flaming Gorge)

Black's Fork Jct.	8925	5/24	3.25	2.30	17.01	15.60	109
Burnt Creek	7900	5/31	5.61	- -	17.94	- -	- -
E.Fk. Black's Fk. G.S.	9300	5/24	2.86	2.50	18.53	16.10	115
Hewinta G.S.	9500	5/24	2.77	2.75	18.18	17.25	105
Hickerson Park	9100	5/29	3.40	- -	13.74	- -	- -
Spirit Lake	10300	5/29	4.71	3.75	22.59	21.50	105
Steel Creek Park	9900	5/24	3.13	- -	20.55	- -	- -

GREEN RIVER TRIBUTARIES BETWEEN FLAMING GORGE & DUCHESNE RIVER

Grizzly Ridge	8500	5/31	4.81	- -	21.00	- -	- -
King's Cabin(upper)	8730	5/29	5.36	1.85	19.55	16.80	116

DUCHESNE RIVER

Brown Duck Ridge	10800	No Report		- -	- -	- -	- -
Currant Creek	7800	No Report		1.50		16.60	- -
Daniels-Strawberry Smt.*	8000	5/25	2.62	2.20	25.38	23.40	108
East Portal Ridge*	7800	5/31	3.74	2.20	25.94	23.40	111
Indian Canyon	9100	5/31	3.05	2.15	18.56	19.50	95
Jackson Park	10650			- -		- -	
Julius Park	9800	5/26	2.72	2.10	19.10	19.00	101
Lakefork Mountain	10500	5/31	5.08	1.85	21.26	17.65	120
Moon Lake	8150	5/31	3.55	1.58a	14.60	10.92a	134

(1) Data supplied by U.S. Forest Service. (2) Data supplied by U.S. Weather Bureau. a - all values estimated except those where symbol "a" occurs. *Adjacent drainage.

PRECIPITATION DATA (Inches)

DRAINAGE BASIN AND RAIN GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
		DATE OF READING	MONTH'S PRECIPITATION	1948 - 62 AVERAGE	THIS YEAR	1948 - 62 AVERAGE	PERCENT OF AVERAGE

DUCHESNE RIVER - Continued

Mosby Mountain	9500	No Report					
Paradise Park	10100	5/26	3.11	2.30	22.30	20.40	109
Rock Creek	7900	5/31	2.99	1.45	17.15	14.95	115
Soapstone R.S.	7800	5/31	4.12	2.30	24.13	21.00	115
Trial Lake	9800	5/31	5.60	2.70	37.79	29.90	126
White River #1*	8600	6/5	3.75	2.25	19.45	20.50	95

PRICE RIVER

Clear Creek Ridge #2*	8000	5/26	5.06	2.10	25.64	21.10	122
Gooseberry Reservoir	8700	5/25	3.86	2.35	25.27	24.00	105
Indian Canyon	9100	5/31	3.05	2.15	18.56	19.50	95
Mammoth R.S. #2	8600	5/25	4.10	2.35	27.33	23.80	115
Mud Creek	8300	6/5	3.60	1.75	21.50	19.85	108
White River #1	8600	6/5	3.75	2.25	19.45	20.50	95

SAN RAFAEL RIVER

Buck Flat	9400	5/29	3.90	2.25	22.75	22.50	101
G.B.R.C. Meadows(1)*	10000	5/31	6.05	2.77a	32.46	27.59a	118
Gooseberry Reservoir*	8700	5/25	3.86	2.35	25.27	24.00	105
Orange Olsen		5/26	1.00	- -	12.40	- -	- -
Red Pine Ridge	9400	5/26	2.55	2.70	26.75	26.90	99
Stuart R.S.	7950	5/29	1.90	1.70	16.60	17.00	98

MUDDY RIVER

Mt. Baldy R.S.*	9500	6/6	5.42	- -	25.02	- -	- -
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FREMONT & ESCALANTE RIVERS

Black's Flat-U.M. Crk.	9250	5/25	1.35	1.70	14.30	15.40	93
Farnsworth Lake*	9900	6/1	4.47	2.45	24.20	24.25	100
Fish Lake	8700	5/25	1.17	1.47	13.30	10.43	128
Widtsoe-Escalante #3	9500	5/31	2.67	1.80	16.06	16.40	98

VIRGIN RIVER

Duck Creek R.S.	8560	6/1	2.78	2.60	32.88	25.00	132
Webster Flat	9200	5/24	1.90	3.00	29.61	27.00	110

SOUTHEASTERN UTAH DRAINAGES

Buckboard Flat	9000	5/31	4.05	2.60	20.10	26.50	76
Camp Jackson	8600	5/31	1.95	2.05	17.35	20.95	83
LaSal Mountain(upper)	9600	6/1	3.70	2.50	17.65	25.20	70

(1) Data supplied by U.S. Forest Service. (2) Data supplied by U.S. Weather Bureau. a - all values estimated except those where symbol "a" occurs. *Adjacent drainage.

SOIL MOISTURE

STATION		PROFILE (Inches)		SOIL MOISTURE (Inches)			
		DEPTH	CAPACITY	DATE	THIS YEAR	LAST YEAR	2 YEARS AGO
NAME	ELEVATION						

JULY 1, 1966

Little Grassy Creek	6100	72	24.5	6/28	12.4	- -	7.8
Mammoth R.S.-Ctnwd. Crk.	8800	60	21.9	6/30	16.5	- -	19.2

AUGUST 1, 1966

Mammoth R.S.-Ctnwd. Crk.	8800	60	21.9	7/28	12.3	- -	- -
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SEPTEMBER 1, 1966

Mammoth R.S.-Ctnwd. Crk.	8800	60	21.9	9/6	7.9	- -	- -
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OCTOBER 1, 1966

Beaver Creek-Skunk Crk.	7150	48	18.4	9/30	6.7	9.0	-- -
Ben Lomond(lower)	5850	72	26.5	9/30	11.5	21.5	- -
Chalk Creek #2	8000	48	18.0	9/28	8.8	16.0	10.0
Daniels-Strawberry Smt.	8000	48	14.0	9/27	6.5	6.7	6.1
Dry Bread Pond	8230	48	13.5	9/30	11.4	15.3	- -
Little Grassy Creek	6100	72	24.5	10/4	8.0	13.3	7.6
Long Flat	8000	72	14.9	10/18	6.3	6.9	5.4
Mammoth R.S.-Ctnwd. Crk.	8800	60	21.9	9/29	9.0	15.4	11.2
Mud Creek	8300	72	14.4	10/3	10.9	11.7	10.7
White River #1	8600	48	16.0	10/4	9.1	11.8	6.9

NOVEMBER 1, 1966

Beaver Crk.-Skunk Crk.	7150	48	18.4	10/28	6.7	- -	- -
Ben Lomond(lower)	5850	72	26.5	10/28	10.2	- -	- -
Chalk Creek #2	8000	48	18.0	11/1	11.9	16.0	9.5
Currant Creek	7800	72	22.0	10/28	14.3	- -	6.2
Daniels-Strawberry Smt.	8000	48	14.0	10/31	7.4	6.3	6.9
Dry Bread Pond	8230	48	13.5	10/28	10.7	- -	13.2
Little Grassy Creek	6100	72	24.5	11/1	7.7	12.0	7.6
Long Flat	8000	72	14.9	11/1	6.2	7.8	6.1
Mammoth R.S.-Ctnwd. Crk.	8800	60	21.9	10/27	11.9	16.5	11.2
Mud Creek	8300	72	14.4	10/31	10.8	11.5	10.7
White River #1	8600	48	16.0	10/31	6.2	12.0	7.3

DECEMBER 1, 1966

Beaver Creek-Skunk Crk.	7150	48	18.4	11/29	8.3	- -	- -
Ben Lomond(lower)	5850	72	26.5	11/29	13.7	- -	- -
Dry Bread Pond	8230	48	13.5	11/29	12.9	- -	- -
Little Grassy Creek	6100	72	24.5	12/2	7.8	17.2	7.6
Mud Creek	8300	72	14.4	12/1	10.8	11.1	10.7
White River #1	8600	48	16.0	12/1	8.1	11.8	7.3



SOIL MOISTURE

STATION		PROFILE (Inches)		SOIL MOISTURE (Inches)			
		DEPTH	CAPACITY	DATE	THIS YEAR	LAST YEAR	2 YEARS AGO
NAME	ELEVATION						

JANUARY 1, 1967

Ben Lomond(lower)	5850	72	26.5	12/29	21.8	- -	22.9
Daniels-Strawberry Smt.	8000	48	14.0	12/29	10.0	8.3	7.8
Little Grassy Creek	6100	72	24.5	1/4	17.7	- -	- -
Long Flat	8000	72	14.9	12/30	8.4	- -	- -
Mammoth R.S.-Ctnwd. Crk.	8800	60	21.9	12/27	12.3	- -	11.1

FEBRUARY 1, 1967

Beaver Creek-Skunk Crk.	7150	48	18.4	1/30	8.9	- -	- -
Ben Lomond(lower)	5850	72	26.5	1/27	22.0	- -	- -
Chalk Creek #2	8000	48	18.0	1/27	12.2	15.7	- -
Dry Bread Pond	8230	48	13.5	1/30	13.5	- -	- -
Mammoth R.S.-Ctnwd. Crk.	8800	60	21.9	1/27	12.5	16.6	11.6
Mud Creek	8300	72	14.4	1/30	10.8	11.1	10.7

MARCH 1, 1967

Beaver Crk.-Skunk Crk.	7150	48	18.4	2/27	9.4	- -	- -
Ben Lomond (lower)	5850	72	26.5	2/24	22.3	- -	- -
Chalk Creek #2	8000	48	18.0	2/23	12.2	15.7	13.7
Corral	8200	48	13.4	3/1	6.9	10.4	6.1
Daniels-Strawberry Smt.	8000	48	14.0	2/27	12.3	10.3	12.0
Dry Bread Pond	8230	48	13.5	2/27	13.5	- -	- -
Grassy Trail Creek-Left Fk.	7970	48	14.5	3/1	9.3	15.2	8.9
Mammoth R.S.-Ctnwd. Crk.	8800	60	21.9	2/23	12.5	16.6	11.6
Mud Creek	8300	72	14.4	2/28	10.8	11.1	10.7
White River #1	8600	48	16.0	2/27	6.8	12.1	7.3

APRIL 1, 1967

Beaver Creek-Skunk Crk.	7150	48	18.4	3/29	14.3	15.1	14.5
Ben Lomond(lower)	5850	72	26.5	3/28	22.4	23.5	- -
Chalk Creek #2	8000	48	18.0	3/28	12.4	15.7	13.8
Corral	8200	48	13.4	4/3	7.0	11.7	5.9
Daniels-Strawberry Smt.	8000	48	14.0	3/30	11.4	13.3	12.1
Dry Bread Pond	8230	48	13.5	3/29	14.0	16.5	16.0
Grassy Trail Crk-Left Fork	7970	48	14.5	4/3	11.6	14.5	8.9
Mammoth R.S.-Ctnwd. Crk.	8800	60	21.9	3/29	12.9	16.6	11.6
Mud Creek	8300	72	14.4	3/30	10.8	11.5	10.7
White River #1	8600	48	16.0	3/31	6.9	12.1	7.3



SOIL MOISTURE

STATION		PROFILE (Inches)		SOIL MOISTURE (Inches)			
NAME	ELEVATION	DEPTH	CAPACITY	DATE	THIS YEAR	LAST YEAR	2 YEARS AGO

MAY 1, 1967

Beaver Crk.-Skunk Crk.	7150	48	18.4	4/25	16.0	- -	16.2
Ben Lomond(lower)	5850	72	26.5	4/25	22.9	23.0	23.1
Chalk Creek #2	8000	48	18.0	4/26	13.4	17.5	- -
Currant Creek	7800	72	22.0	4/27	17.6	- -	- -
Daniels-Strawberry Smt.	8000	48	14.0	4/25	11.9	13.4	12.8
Dry Bread Pond	8230	48	13.5	4/25	15.7	16.6	- -
Grassy Trail Crk.-Left Fk.	7970	48	14.5	4/28	12.8	14.5	14.0
Little Grassy Creek	6100	72	24.5	4/28	19.8	19.8	- -
Mammoth R.S.-Ctnwd. Crk.	8800	60	21.9	4/25	12.9	19.7	19.5
Mud Creek	8300	72	14.4	4/25	10.9	12.1	11.1
White River #1	8600	48	16.0	4/27	10.1	15.2	9.3

JUNE 1, 1967

Beaver Crk.-Skunk Crk.	7150	48	18.4	5/31	15.8	16.2	16.8
Ben Lomond(lower)	5850	72	26.5	5/29	23.0	23.2	23.3
Chalk Creek #2	8000	48	18.0	5/26	18.1	17.3	17.5
Currant Creek	7800	72	22.0	Delayed' Report	18.1	- -	- -
Daniels-Strawberry Smt.	8000	48	14.0	5/25	15.2	10.1	14.0
Dry Bread Pond	8230	48	19.0	5/31	16.7	16.5	- -
Garden City Summit	7600	72	18.3	No Report	14.3	16.4	- -
Little Grassy Creek	6100	72	24.5	5/23	17.9	18.8	- -
Long Flat	8000	72	14.9	No Report	11.4	- -	- -
Mammoth R.S.-Ctnwd. Crk.	8800	60	21.9	5/25	19.2	20.1	19.7
Mud Creek	8300	72	14.4	6/5	12.1	11.1	11.5
White River #1	8600	48	16.0	6/5	15.1	14.1	14.2

Agencies Cooperating in Utah Snow Surveys

U.S. GOVERNMENT AGENCIES

U.S. Department of Agriculture
Soil Conservation Service
Forest Service
U.S. Department of Commerce
Weather Bureau
U.S. Department of Interior
Bureau of Reclamation
Geological Survey
National Park Service

STATE AGENCIES

Utah Agricultural Experiment Station
Utah Fish and Game Department
Utah State Engineer
Bear River Commissioner
Price River Commissioner
Provo River Commissioner
Sevier River Commissioners
Spanish Fork River Commissioner
Utah Lake and Jordan River Commissioner
Utah Water and Power Board

MUNICIPALITIES

Manti
Salt Lake City

ORGANIZED PUBLIC AGENCIES

Beaver River Water Users Association
Board of Canal Presidents - Jordan River
Emery Canal and Reservoir Company
Moon Lake Water Users Association
Ogden River Water Users Association
Provo River Water Users Association
Strawberry Water Users Association
Sevier River Water Users Association

PRIVATE AGENCIES

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